# Appendix C (Part 1):

# Example Forms, Charts and Tables

(Included in this appendix are example forms, charts and tables, used in previous RIDOT projects, that are in the preferred format. Please ensure that all proposed forms, tables, and charts are in substantial conformance with the examples.)

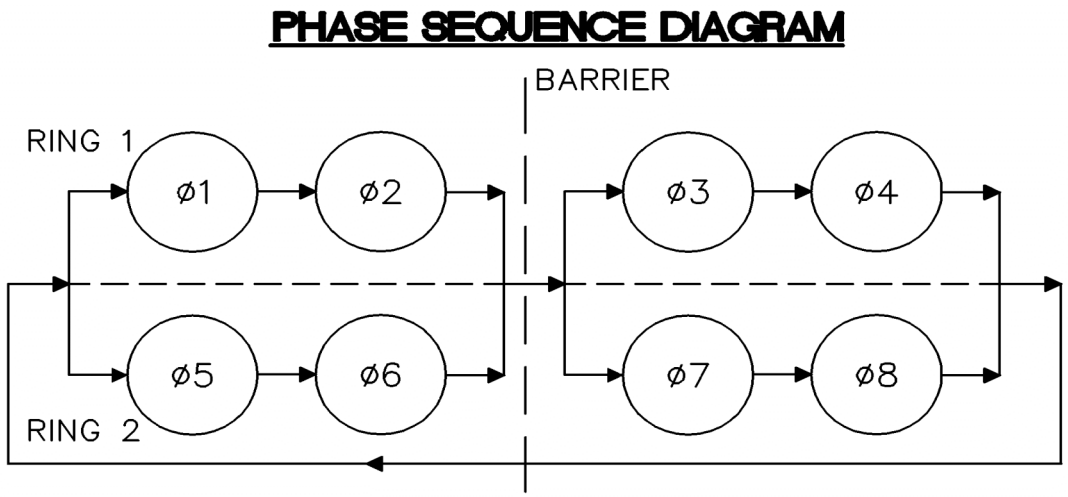
# Example Loop Detector Data Table:

| DETECTOR DATA | | | | | | |
|---|---|---|---|---|---|---|
| DETECTOR NO. | NO. SECTION/ SIZE | RELAY NUMBER | SLOT | DELAY (SEC) | CALL PHASE | REMARKS |
| 1 | 1–6'x40' | 1 | 2 | 3 | ø5 | PROPOSED |
| 2 | 1–6'x40' | 1 | 2 | 3 | ø2 | PROPOSED |
| 3 | 1–6'x40' | 1 | 2 | 3 | ø2 | PROPOSED |
| 5 | 1–6'x40' | 2 | 4 | 3 | ø1 | PROPOSED |
| 6 | 1–6'x40' | 2 | 4 | 3 | ø6 | PROPOSED |
| 7 | 1–6'x40' | 2 | 4 | 3 | ø6 | PROPOSED |
| 9 | 1–6'x40' | 3 | 6 | 5 | ø7 | PROPOSED |
| 10 | 1–6'x40' | 3 | 6 | 5 | ø4 | PROPOSED |
| 11 | 1–6'x40' | 3 | 6 | 5 | ø4 | PROPOSED |
| 13 | 1–6'x40' | 4 | 8 | 5 | ø3 | PROPOSED |
| 14 | 1–6'x40' | 4 | 8 | 5 | ø8 | PROPOSED |
| 15 | 1–6'x40' | 4 | 8 | 5 | ø8 | PROPOSED |
| 17 | 1–6'x6' | 5 | 10 | – | SYSTEM DETECTOR | PROPOSED |
| 18 | 1–6'x6' | 5 | 10 | – | SYSTEM DETECTOR | PROPOSED |
| 19 | 1–6'x6' | 5 | 10 | – | SYSTEM DETECTOR | PROPOSED |
| 20 | 1–6'x6' | 5 | 10 | – | SYSTEM DETECTOR | PROPOSED |

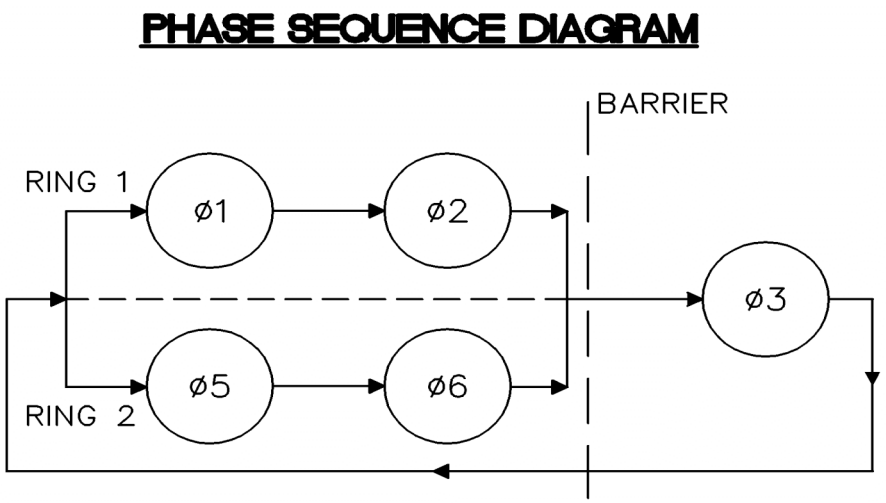
NOTES:

1. DETECTORS 2, 3, 6, AND 7 TO BE "CALL NON–ACTUATED" DURING COORDINATED OPERATION.
2. SYSTEM DETECTORS (DETECTOR NOS. 17–20) SHALL BE INITIALLY PROGRAMMED IN THE CONTROLLER TO RECORD VOLUME DATA.

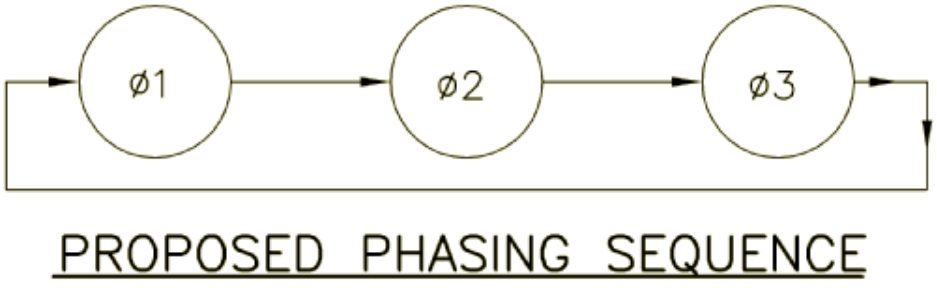
**Example Dual Ring Phasing:**



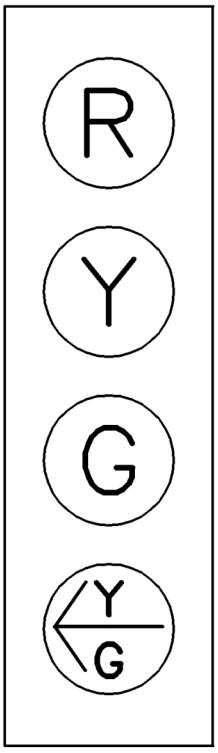
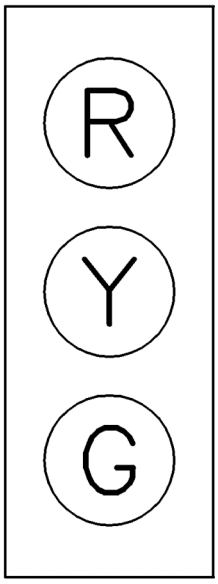
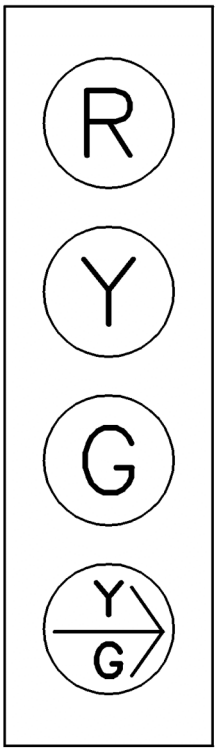

Example Dual **Ring/Single Ring Mix:**




Example Single Ring:



## Example Signal Head Data Table:

| SIGNAL HEAD DATA | | | |
|---|---|---|---|
| A,C | B,D,E,F,G | H | P1–P4 |
|   |   |   |  (ALL L.E.D. MODULES) |
| ALL 12" LENS | | | |

NOTES:

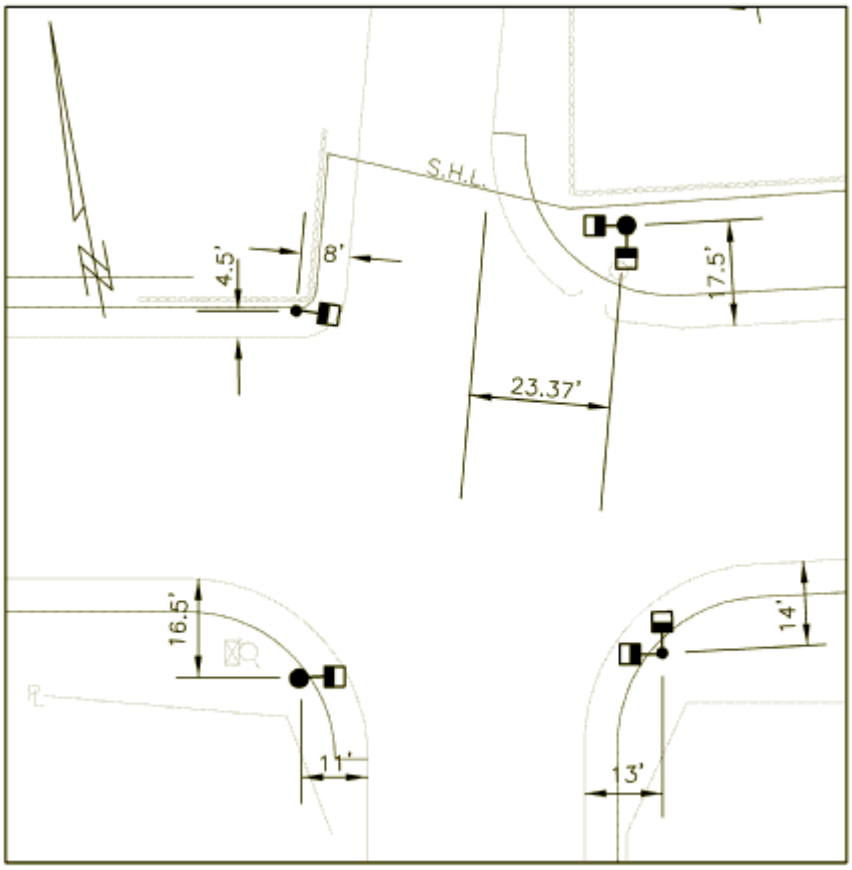
1) ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS ARE PROPOSED.
2) ALL RED, YELLOW, AND GREEN SIGNAL DISPLAYS SHALL BE EQUIPPED WITH LED MODULES.
3) ARROW DISPLAYS SHALL BE MADE UP OF TWO ROWS OF LED MODULES.

**Example Remove and Salvage Table:**

REMOVE AND SALVAGE TRAFFIC SIGNAL EQUIPMENT
TRAFFIC SIGNAL NO. 576*

| | |
|---|---|
| 1 | CONTROLLER AND FOUNDATION |
| 8 | VEHICLE SIGNAL HEADS W/ ASSEMBLY |
| 0 | PEDESTRIAN SIGNAL HEADS W/ ASSEMBLY |
| 1200' | WIRE AND CABLE |
| 2 | SPAN POLES |

**Example Pole Location Diagram:**




POLE LOCATION DIAGRAM

**Example Coordination Data Table:**

## COORDINATION DATA

(ALL ENTRIES IN SECONDS)

| | PLAN 1 | PLAN 2 | |
|---|---|---|---|
| CYCLE LENGTH | 80 SEC. | 80 SEC. | |
| OFFSET | 75 | 75 | |
| PHASE ø1 | 16 | 16 | |
| PHASE ø2 | 42 | 42 | |
| PHASE ø3 | 22 | 22 | |
| PHASE ø5 | 16 | 16 | |
| PHASE ø6 | 42 | 42 | |
| | | | |
| COORDINATED PHASE | ø2&ø6 | ø2&ø6 | |

NOTES:

1. SEE PLAN SET 1 FOR TRAFFIC SIGNAL PLAN.
2. CLEARANCE TIME FOR ø3 PEDESTRIAN PHASE SHALL CONTINUE INTO ø3 YELLOW CLEARANCE INTERVAL